



General Assembly

February Session, 2008

***Raised Bill No. 555***

LCO No. 2669

\*02669\_\_\_\_\_CE\_\*

Referred to Committee on Commerce

Introduced by:  
(CE)

***AN ACT CONCERNING CONNECTICUT'S HYDROGEN ROADMAP.***

Be it enacted by the Senate and House of Representatives in General Assembly convened:

1       Section 1. (NEW) (*Effective from passage*) Not later than January 1,  
2       2009, the Department of Economic and Community Development shall  
3       submit to the Office of Policy and Management and the joint standing  
4       committee of the General Assembly having cognizance of matters  
5       relating to commerce a detailed plan to implement the following  
6       provisions, including, but not limited to, any proposed legislation to  
7       implement such provisions: (1) Provide long-term and predictable tax  
8       advantage incentives to reduce early development production costs for  
9       local manufacturers of fuel cells, fuel cell components, and hydrogen  
10      equipment at the rate of thirty-two million dollars per year for each of  
11      the next ten years; (2) provide long-term and predictable grant and  
12      grant matching resources to support public and private research and  
13      development efforts in the state at the rate of fifteen million dollars per  
14      year for each of the next ten years; (3) provide long-term support for  
15      bus, automobile, auxiliary power, service and off-road vehicle, fueling  
16      station and infrastructure development and demonstration in the state  
17      at the rate of two million dollars per year for each of the next ten

18 years; (4) provide general support to the fuel cell industry through the  
 19 Connecticut hydrogen fuel cell cluster at the rate of two hundred fifty  
 20 thousand dollars per year in order to monitor the implementation of  
 21 the hydrogen roadmap for measurable results, to facilitate the  
 22 development of hydrogen and fuel cell technology, disseminate  
 23 information and facilitate industry, academic and government  
 24 interaction and assist and support manufacturing innovation, supply  
 25 chain development and in-state lean manufacturing; (5) implement a  
 26 communications plan to increase awareness and the level of  
 27 knowledge among potential customers, stakeholders and investors; (6)  
 28 leverage all existing and proposed funding and state purchases to  
 29 target the installation of forty megawatts of fuel cells per year at sites  
 30 that provide high public benefit, including, but not limited to, state  
 31 and municipal public buildings such as schools, hospitals and  
 32 emergency shelters and at energy improvement districts and other  
 33 identified priority sites; (7) dedicate a portion of Connecticut's  
 34 renewable portfolio standard for combined heat and power fuel cell  
 35 and other performance equivalent hydrogen fueled facilities and  
 36 hydrogen production for dedicated use with a fuel cell; (8) provide  
 37 electric utility customer choice on utility bills for selection of hydrogen  
 38 and fuel cell technology as a Class I renewable energy manufactured in  
 39 the state; (9) expand local property tax and state sales tax exemptions  
 40 for hydrogen and fuel cell technology, manufactured or partially  
 41 manufactured in the state; and (10) support utility ownership of any  
 42 fuel cell and other performance equivalent hydrogen fueled facilities.

This act shall take effect as follows and shall amend the following sections:

Section 1	<i>from passage</i>	New section
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***Statement of Purpose:***

To develop a plan to implement certain recommendations concerning Connecticut's hydrogen roadmap.

*[Proposed deletions are enclosed in brackets. Proposed additions are indicated by underline, except that when the entire text of a bill or resolution or a section of a bill or resolution is new, it is not underlined.]*